



U.S. Department of Energy
Office of Civilian Radioactive Waste Management



Quality Assurance Overview

Presented to:

DOE/NRC Quarterly Management Meeting

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Quality Assurance Overview

- **Quality Assurance Requirements and Description (QARD)**
- **Corrective Action Program Oversight**
- **Trending**
- **Office of Quality Assurance (OQA) Audits/Surveillances**
- **Management & Operating (M&O) Contractor Quality Assurance (QA) Audits/Surveillances**



Quality Assurance Requirements and Description (QARD)

- **QARD Rev 17 accepted by NRC on August 4, 2005**
- **Implementation in progress**



Corrective Action Program Oversight

- **M&O surveillance of effectiveness of Condition Report (CR) actions**
- **Four M&O surveillances of Level C CR processing**
- **OQA surveillance of DOE Level C CR processing**



Trending

- **Separate procedures for OCRWM and M&O Contractor**



Office of Quality Assurance Audits/Surveillances

- **Completed Audits**
 - Office of Repository Development
 - AQAP and Applicable Site Activities
 - BSC Procedural Adequacy
 - Office of Quality Assurance
 - Software QA Activities
- **Completed Surveillances**
 - Review of QAMA process



Office of Quality Assurance Audits/Surveillances

(Continued)

- **Upcoming Audits**
 - **BSC Compliance Audit**
 - **BSC Design**
 - **OCRWM**



Office of Quality Assurance Audits/Surveillances

(Continued)

- **Completed EM/OCRWM Audits**
 - **INEEL Spent Nuclear Fuel**
 - **Hanford Spent Nuclear Fuel**



Management and Operating Contractor Quality Assurance Audits/Surveillances

- **Completed QA Audits**
 - **Corrective Action Process**
 - **Scientific Investigation, Measuring and Testing Equipment and Sample Control**
- **Completed QA Surveillances**
 - **Seven surveillances of AMR activities including Data Submittals, Use of Data, and IRANs**
 - **Pre-closure Safety Analysis Calculation**
 - **Six surveillances of YMP Site Activities**
 - **Two surveillances of Training Activities**
 - **Specifications**



Management and Operating Contractor Quality Assurance Audits/Surveillances

(Continued)

- **Upcoming QA Audits**
 - U.S. Geological Survey
 - National Laboratories including LANL, LBNL, SNL
 - BSC Procurement Process
- **Upcoming Notable QA Surveillances**
 - Corrective Action Program Charter and Initiatives
 - Four surveillances of Direct Support Subcontractors implementing OCRWM procedures for YMP Activities

